get complete pdf at learnexams.com

WGU D276 (New 2023/ 2024 Update) Web Development Foundations Exam | Guide with Questions and Verified Answers| 100% Correct

QUESTION
How many HTTP requests are made for a webpage that contains four web resources?

Answer:
5. one for the html file and one for each resource

QUESTION
four parts of a HTTP request / response

Answer:
-start line
-zero or more header fields
-empty line
-optional message body

learnexams

QUESTION
start line

Answer:
specifies the HTTP version being used. A REQUESTS start line includes a request type and path;

a RESPONSES start line includes a status code and phrase.

QUESTION
header field

LEARNEXAMS.COM

get complete pdf at learnexams.com

Answer:
keyword followed by a colon and a value. Header fields supply additional information about the request or response

QUESTION
_message body

Answer:
contains data being transferred between a web browser and web server.
In a REQUEST, the message body may be empty or contain submitted form data.

In a RESPONSE, the message body may contain the requested resource.

QUESTION
_content-length

Answer:
number of bytes in the response's message body
-the web browser uses the content length to determine how much data to expect from the web server

learnexams

QUESTION
_content-type

Answer:
media type of the response's message body

-common media types: text/css, image/jpeg, application/pdf, video/quicktime

QUESTION
_Date

LEARNEXAMS.COM

get complete pdf at learnexams.com

Answer:
datetime the response was generated by the web server

-Datetime values in HTTP headers are represented in Greenwich Mean Time (GMT), which is equal to Coordinated Universal Time (UTC)

QUESTION
_last-modified

Answer:
Datetime the requested resource was last modified on the web server.

-for resources that are dynamically created by the web server, the last modified datetime is often not provided

QUESTION
_server

learnexams

Answer:
identifies the web server software that generated the response

-popular values for Server: Apache, Microsoft-IIS, nginx

QUESTION
_Host

Answer:
the domain name for the requested path

-some websites are hosted at the same IP address, so the Host field helps the web server determine which websites resource is being requested

QUESTION

LEARNEXAMS.COM

get complete pdf at learnexams.com

_user-agent

Answer:
Identifies the browser making the request

-Browsers often identify themselves using a unique string of characters. The User-Agent field may be used by a web server to respond back with different resources depending on which browser made the request. Ex: A desktop page may be sent back to a desktop Chrome browser, but a mobile webpage may be sent back to an iPhone browser.

QUESTION
_IANA (Internet Assigned Numbers Authority)

Answer:
a standards organization that manages various internet numbers and symbols, like global IP address allocation, root zone management in DNS, and media types. IANA maintains a list of HTTP headers that are currently active, obsolete, or experimental.

QUESTION
_how to access Chrome's developer tools (DevTools)

learnexams

Answer:
by pressing Ctrl+Shift+i (Windows) or Command-Option-i (Mac)

QUESTION
_HTTP request method

Answer:
indicates the desired action to perform on a resource
ex: GET, HEAD, POST, PUT, DELETE

QUESTION
_GET

LEARNEXAMS.COM